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Substitute for form 1449/PTO

**(Use as many sheets as necessary)**

Sheet 1 of 2

Application Number	10/821,012
Filing Date	April 8, 2004
First Named Inventor	Cook
Art Unit	3761
Examiner Name	Unassigned
Attorney Docket Number	24004350.010035US

[illegible][illegible]

Examiner Signature	/Michael Brown/	Date Considered	01/30/2008
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Substitute for form 1449/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)		<b>Complete if Known</b>			
		Application Number	10/821,012		
		Filing Date	April 8, 2004		
		First Named Inventor	Cook		
		Art Unit	3761		
		Examiner Name	Unassigned		
Sheet	2	of	2	Attorney Docket Number	24004350.010035US

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
/M.B./		Results of the Partial International Search in PCT/GB04/000943	

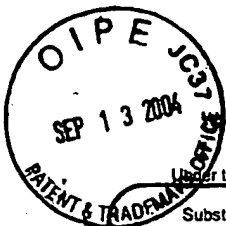
Examiner Signature	/Michael Brown/	Date Considered	01/30/2008
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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1 of 1**Complete if Known**

Application Number	10/821,012
Filing Date	04/08/2004
First Named Inventor	Gordon Cook
Art Unit	3761
Examiner Name	Not yet assigned
Attorney Docket Number	24004350.010035US

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
/M.B./		US- 4,809,684	03/07/1989	Gardner, et al.	
		US- 4,846,160	07/11/1989	Gardner, et al.	
		US- 4,941,458	07/17/1990	Taheri	
		US- 5,267,952	12/07/1993	Gardner	
		US- 5,354,260	10/11/1994	Cook	
		US- 5,584,798	12/17/1996	Fox	
		US- 5,634,889	06/03/1997	Gardner, et al.	
		US- 5,669,872	09/23/1997	Fox	
		US- 5,931,797	08/03/1999	Tumey, et al.	
		US- 5,989,204	11/23/1999	Lina	
		US- 5,997,495	12/07/1999	Cook, et al.	
		US- 6,129,688	10/10/2000	Arkans	
		US- 6,290,662	09/18/2001	Morris, et al.	
		US- 6,319,215	11/20/2001	Manor, et al.	
		US- 6,361,512	03/26/2002	Mackay, et al.	
		US- 6,592,534	07/15/2003	Rutt, et al.	
		US-			
		US-			
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FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> *Number <sup>4</sup> *Kind Code <sup>5</sup> (if known)	MM-DD-YYYY			

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